

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((("4501161") or ("5948998")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 11:26
S2	2036	(141/85-92).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 11:26
S3	1428	((141/8) or (141/65)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/24 09:00
S4	12340	fermenter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 12:38
S5	4051	S4 and membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 12:38
S6	2962	S5 and sample	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 12:38
S7	1608	S6 and sterile	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 13:36
S8	0	("2006/0027264").URPN.	USPAT	OR	ON	2007/04/23 12:41
S9	4037	fermenter	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 13:36
S10	348	S9 and (filter or membrane)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 13:36
S11	18	S10 and sample	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 13:36
S12	466	(137/212).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 16:23

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S13	500	(137/238).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/24 09:01
S14	1029	b01d061/00.ipc.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 15:08
S15	0	("73-863-863.33").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/24 15:09
S16	4210	((73/863-863.33) or (73/863.81-863.92)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/24 15:09
S17	511	S16 and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 15:09
S18	39	S17 and sterile	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 15:14
S19	10	S16 and fermenter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 15:14
S20	14	("3552211"   "3795149"   "3915011"   "4112768").PN. OR ("4501161").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 15:59
S21	1122	(137/240).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/24 15:59
S22	16	("4235829" "4436674" "4545801" "4582480" "4676404" "4859375" "4979545" "5035200" "5279338" "5972117" "6161398" "6311959" "6435224" "6581625" "6588458" "6615851").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/26 14:08
S23	3710652	container or tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:08
S24	436701	S23 and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:09

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S25	2750	S24 and overpressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:10
S26	1994	S25 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:12
S27	1157	S26 and gas and liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:13
S28	445	S27 and sample	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 15:37
S29	22731	rinse and liquid and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 15:38
S30	26548	S29 and4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 15:38
S31	15803	S29 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 15:38
S32	2256	S31 and flush	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 15:39

## EAST Search History

S33	46	S32 and "137"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 15:56
S34	13088	rins\$3 and filter and (container or tube) and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 15:56
S35	11623	S34 and liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 15:57
S36	7970	S35 and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 15:57
S37	103	S36 and fermenter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 15:57
S38	1572	(222/399).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/27 14:32
S39	20	(US-20060027264-\$).did. or (US-5948998-\$ or US-4942770-\$ or US-5163487-\$ or US-4649118-\$ or US-3190321-\$ or US-4865969-\$ or US-6544424-\$ or US-5080794-\$ or US-5878793-\$ or US-4501161-\$ or US-4112768-\$ or US-2869328-\$ or US-0901741-\$ or US-6402944-\$ or US-6460730-\$ or US-5857590-\$ or US-5636763-\$ or US-5316181-\$). did. or (WO-2004033077-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2007/04/27 13:24
S40	4	S39 and (pressure adj sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 13:35
S41	12	S39 and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 13:38

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S42	466	(137/212).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/27 13:38
S43	8	S42 and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 13:39
S44	29029	air adj filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 13:39
S45	4960	S44 and compressor	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 13:41
S46	170	S45 and "137"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 13:43
S47	4	S46 and sterile	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 14:18
S48	3	S39 and rinse	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 14:20
S49	2	S48 and flush	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 14:20
S50	1572	(222/399).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/27 14:32
S51	13	S50 and rinse	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 14:35
S52	49	S50 and flush	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 14:47
S53	11139	gas and rinse and container	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 14:47
S54	6166	S53 and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 14:47
S55	46	S54 and "222"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:05
S56	1284236	filter or membrane	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:05

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S57	379957	S56 and gas	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:05
S58	123936	S57 and valve	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:07
S59	33103	S58 and supply and discharge	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:07
S60	7258	S59 and sample	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:43
S61	2	((("5762991") or ("4978545"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/27 15:43
S62	16	("3989848"   "3993791"   "4388857"   "4550029"   "4552060"   "4564595"   "4681066"   "4801462"   "4882177"   "4946784"   "4978545"   "5114491"   "5453285"   "5536650").PN. OR ("5762991"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:44
S63	9	("4652451").PN. OR ("4978545"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:46